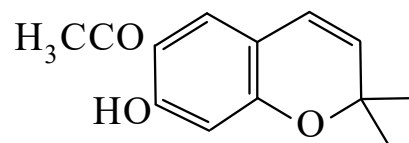




>>Entry Name: 6-Acetyl-7-hydroxy-2,2-dimethyl-2H-1-benzopyran

Synonym(s): 7-Hydroxy-2,2-dimethyl-2H-1-benzopyran-6-yl-1-ethanone, 9Cl. 6-Acetyl-7-hydroxy-2,2-dimethyl-3-chromene. **Eupatoriochromene**. De-*O*-methylenecalin



CAS Registry Number: 19013-03-7

Molecular Formula: C₁₃H₁₄O₃

Molecular Weight: 218.252

Accurate Mass: 218.094295

Percentage Composition: C 71.54%; H 6.47%; O 21.99%

Biological Source: Constit. of *Encelia farinosa*, *Lagascea rigida*, *Ageratina aschenbornia*, *Helianthella uniflora* and of *Eupatorium* spp.

Use/Importance: Antifungal agent

Physical Description: Yellow cryst. (petrol)

Melting Point: Mp 80° (77°)

>>Derivative: Me ether

Synonym(s): 6-Acetyl-7-methoxy-2,2-dimethyl-2H-benzopyran. **Encecalin**

CAS Registry Number: 20628-09-5

Molecular Formula: C₁₄H₁₆O₃

Molecular Weight: 232.279

Accurate Mass: 232.109945

Percentage Composition: C 72.39%; H 6.94%; O 20.66%

Biological Source: Isol. from *Eupatorium californica* and many other plant spp.

Use/Importance: Shows insecticidal and antifeedant props.

Physical Description: Cryst.

Melting Point: Mp 39-41°

Boiling Point: Bp₂ 146° approx. (bath)

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